

2318-262  
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1743

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#6

In re Application of )  
Nadeem TUSNEEM et al. )  
Serial No. 09/721,918 ) Examiner: Not Yet Assigned  
Filed: November 27, 2000 ) Group Art Unit: 1743  
For: METHOD FOR EQUALIZING )  
BAND INTENSITIES ON )  
SEQUENCING GELS )

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

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AUG 03 2001  
TC 1700

Dear Sir:


Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98,  
Applicant submits herewith copies of publications that the  
Office may wish to consider in examination of the subject  
application. The publications are listed on the attached form  
PTO-1449.

Respectfully submitted,

By

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Enclosures

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 			Complete if Known		
			Application Number	09/721,918	
			Filing Date	November 27, 2000	
			First Named Inventor	Nadeem TUSNEEM	
			Group Art Unit	1743	
Examiner Name	Not Yet Assigned				
Sheet	1	of	2	Attorney Docket Number	2318-262 Vol. II

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		6,030,814		Jendrisak	02-29-2000
		6,013,488		Hayashizaki	01-11-2000


### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
		Ambartsumyan et al., "Elimination of the Secondary Structure Effect in Gel Sequencing of Nucleic Acids, FEBS Lett 114(2):265-8, 1980.	
		Ausubel, "DNA Sequencing by the Dideoxy Method," Chapter 7, DNA Sequencing, Current Protocols in Molecular Biology, John Wiley & Sons, Inc., 1999. (20 pages)	
		Bankier and Barrel, "Shotgun DNA Sequencing, Techniques in Life Sciences, B5: Nucleic Acid Biochemistry (R.A. Flavell, ed.), pp. 1-34, Elsevier/North Holland, Limerick, Ireland, 1983.	
		Boyer et al., "Analysis of Mutations at Position 184 in Reverse Transcriptase of Human Immunodeficiency Virus Type 1," Antimicrobial Agents and Chemotherapy 39(7):1624-1628, July 1995.	
		Hayatsu, "Bisulfite Modification of Nucleic Acids and Their Constituents," Prog Nucleic Acid Res Mol Biol 16:75-124, 1976.	
		Jensen et al., "Improvements in the chain-termination method of DNA sequencing through the use of 7-deaza-2'-deoxyadenosine," J. DNA Seq 1(4):233-9, 1991.	
		Li et al., "Elimination of band compression in the sequencing gels by the use of N <sup>4</sup> -methyl-2'-deoxycytidine 5'-triphosphate," Nucleic Acids Res. 21(11):2709-14, June 11, 1993.	
		McCrea et al., "Gel Compressions and Artifact Banding Can Be Resolved in the Same DNA Sequence Reaction," Biotechniques 15(5):843-844, 1993.	
		Mills et al., "Structure-independent nucleotide sequence analysis," Proc. Natl. Acad. Sci. USA 76(5):2232-5, May 1979.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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		Filing Date	November 27, 2000	
		First Named Inventor	Nadeem TUSNEEM	
		Group Art Unit	1743	
		Examiner Name	Not Yet Assigned	
Sheet	2	2	Attorney Docket Number	2318-262, Vol. II

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		Mizusawa et al., "Improvement of the dideoxy chain termination method of DNA sequencing by use of deoxy-7-deazaguanosine triphosphate in place of dGTP," Nucleic Acids Res. 14(3):1319-24, Feb. 11, 1986.	
		Rocheleau et al., "Formamide modified polyacrylamide gels for DNA sequencing by capillary gel electrophoresis," Electrophoresis 13(8):484-6, Aug. 1992.	
		Strahl et al., "The effects of nucleoside analogs on telomerase and telomeres in Tetrahymena," Nucleic Acids Res 22(6):893-900, March 25, 1994.	
		Tabor et al., "DNA sequence analysis with a modified bacteriophage T7 DNA polymerase," Proc. Natl. Acad. Sci. USA 84(14):4767-71, July 1987.	
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